

Logistic Regression

Notes

Output Created			19-JUN-2019 22:12:43
Comments			
Input	Active Dataset	DataSet1	
	Filter	<none>	
	Weight	<none>	
	Split File	<none>	
	N of Rows in Working Data File		52
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing	
Syntax		LOGISTIC REGRESSION VARIABLES Urogenitas /METHOD=ENTER Usia Pendidikan Status_Nikah Tanggungannya Peran Keberlanjutan Perlindungan Aturan_formal Dukungan /SAVE=PRED PGROUP RESID /CLASSPLOT /CASEWISE OUTLIER(2) /PRINT=GOODFIT CORR CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).	
Resources	Processor Time		00:00:00.03
	Elapsed Time		00:00:00.66
Variables Created or Modified	PRE_4	Predicted probability	
	PGR_4	Predicted group	
	RES_4	Difference between observed and predicted probabilities	

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	52	100.0
	Missing Cases	0	.0
	Total	52	100.0
Unselected Cases		0	.0
Total		52	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
.00	0
1.00	1

Block 0: Beginning Block

Classification Table^{a,b}

		Predicted		
		Urgenitas		Percentage
Observed		.00	1.00	Correct
Step 0	Urgenitas .00	0	20	.0
	1.00	0	32	100.0
Overall Percentage				61.5

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 0 Constant	.470	.285	2.719	1	.099	1.600

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Usia	.040	1	.841
		Pendidikan	1.642	1	.200
		Status_Nikah	.244	1	.622
		Tanggungan	1.733	1	.188
		Peran	1.045	1	.307
		Keberlanjutan	.961	1	.327
		Perlindungan	5.094	1	.024
		Aturan_formal	4.033	1	.045
		Dukungan	17.749	1	.000
Overall Statistics			26.897	9	.001

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	33.722	9	.000
	Block	33.722	9	.000
	Model	33.722	9	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	35.571 ^a	.477	.648

a. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	38.219	8	.000

Contingency Table for Hosmer and Lemeshow Test

		Urgenitas = .00		Urgenitas = 1.00		Total
		Observed	Expected	Observed	Expected	
Step 1	1	4	4.970	1	.030	5
	2	4	4.311	1	.689	5
	3	4	3.791	1	1.209	5
	4	4	3.020	1	1.980	5
	5	4	1.966	1	3.034	5
	6	0	.809	5	4.191	5
	7	0	.543	5	4.457	5
	8	0	.335	5	4.665	5
	9	0	.159	5	4.841	5
	10	0	.096	7	6.904	7

Classification Table^a

	Observed	Predicted			
		Urgenitas		Percentage Correct	
		.00	1.00		
Step 1	Urgenitas	.00	16	4	80.0
		1.00	3	29	90.6
	Overall Percentage				86.5

a. The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B)		
							Lower	Upper	
Step 1 ^a	Usia	.034	.045	.563	1	.453	1.034	.947	1.130
	Pendidikan	.458	.572	.641	1	.423	1.581	.515	4.854
	Status_Nikah	1.090	2.418	.203	1	.652	2.975	.026	339.955
	Tanggungan	-.233	.228	1.045	1	.307	.792	.506	1.239
	Peran	-.416	.632	.433	1	.510	.660	.191	2.276
	Keberlanjutan	-.349	.430	.657	1	.418	.706	.303	1.640
	Perlindungan	20.925	23071.134	.000	1	.999	1223713268.764	.000	.
	Aturan_formal	3.376	1.607	4.414	1	.036	29.242	1.254	681.802
	Dukungan	2.006	.751	7.146	1	.008	7.435	1.708	32.370
	Constant	-27.761	23071.134	.000	1	.999	.000		

a. Variable(s) entered on step 1: Usia, Pendidikan, Status_Nikah, Tanggungan, Peran, Keberlanjutan, Perlindungan, Aturan_formal, Dukungan.

Correlation Matrix

		Constant	Usia	Pendidikan	Status_Nikah	Tanggung	Peran	Keberlanjutan	Perlindungan	Aturan_formal
Step 1	Constant	1.000	.000	.000	.000	.000	.000	.000	-1.000	.000
	Usia	.000	1.000	.237	-.167	-.025	-.012	-.047	.000	-.067
	Pendidikan	.000	.237	1.000	-.019	.131	.067	-.445	.000	-.107
	Status_Nikah	.000	-.167	-.019	1.000	-.371	.014	.262	.000	-.131
	Tanggung	.000	-.025	.131	-.371	1.000	.221	-.395	.000	-.149
	Peran	.000	-.012	.067	.014	.221	1.000	-.062	.000	-.248
	Keberlanjutan	.000	-.047	-.445	.262	-.395	-.062	1.000	.000	-.038
	Perlindungan	-1.000	.000	.000	.000	.000	.000	.000	1.000	.000
	Aturan_formal	.000	-.067	-.107	-.131	-.149	-.248	-.038	.000	1.000
	Dukungan	.000	.344	-.159	.100	-.005	.175	.042	.000	.247

Casewise List^b

Case	Selected Status ^a	Observed	Predicted	Predicted Group	Temporary Variable	
		Urgenitas			Resid	ZResid
2	S	1**	.152	0	.848	2.359
16	S	1**	.230	0	.770	1.830
18	S	1**	.019	0	.981	7.130
52	S	0**	.569	1	-.569	-1.148

a. S = Selected, U = Unselected cases, and ** = Misclassified cases.

b. Cases with studentized residuals greater than 2.000 are listed.

Frequencies

Notes

Output Created		19-JUN-2019 22:25:03
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	52
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=Usia Pendidikan Status_Nikah Tanggungan Peran Urogenitas Keberlanjutan Perlindungan Aturan_formal Dukungan /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN SUM /HISTOGRAM NORMAL /ORDER=ANALYSIS.
Resources	Processor Time	00:00:05.69
	Elapsed Time	00:00:17.48

Statistics

		Usia	Pendidikan	Status_Nikah	Tanggung	Peran	Urgenitas	Keberlanjutan	Perlindungan	Aturan_formal	Dukungan
N	Valid	52	52	52	52	52	52	52	52	52	52
	Missing	0	0	0	0	0	0	0	0	0	0
Mean		45.7115	2.1538	.9231	5.1154	1.4808	.6154	1.7885	.9423	.9038	1.8654
Median		45.0000	2.0000	1.0000	5.0000	1.0000	1.0000	1.0000	1.0000	1.0000	2.0000
Std. Deviation		10.36460	.91576	.26907	2.55645	.67127	.49125	1.24202	.23544	.29768	.84084
Minimum		20.00	1.00	.00	.00	1.00	.00	.00	.00	.00	1.00
Maximum		70.00	4.00	1.00	10.00	3.00	1.00	5.00	1.00	1.00	3.00
Sum		2377.00	112.00	48.00	266.00	77.00	32.00	93.00	49.00	47.00	97.00

Frequency Table

Usia

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	20.00	1	1.9	1.9	1.9
	27.00	1	1.9	1.9	3.8
	28.00	1	1.9	1.9	5.8
	30.00	2	3.8	3.8	9.6
	32.00	2	3.8	3.8	13.5
	34.00	1	1.9	1.9	15.4
	38.00	3	5.8	5.8	21.2

39.00	1	1.9	1.9	23.1
40.00	1	1.9	1.9	25.0
41.00	1	1.9	1.9	26.9
42.00	8	15.4	15.4	42.3
43.00	1	1.9	1.9	44.2
44.00	2	3.8	3.8	48.1
45.00	2	3.8	3.8	51.9
47.00	1	1.9	1.9	53.8
48.00	4	7.7	7.7	61.5
49.00	3	5.8	5.8	67.3
50.00	2	3.8	3.8	71.2
52.00	3	5.8	5.8	76.9
53.00	2	3.8	3.8	80.8
54.00	1	1.9	1.9	82.7
56.00	2	3.8	3.8	86.5
57.00	1	1.9	1.9	88.5
58.00	1	1.9	1.9	90.4
61.00	1	1.9	1.9	92.3
63.00	1	1.9	1.9	94.2
64.00	1	1.9	1.9	96.2
66.00	1	1.9	1.9	98.1
70.00	1	1.9	1.9	100.0
Total	52	100.0	100.0	

Pendidikan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	16	30.8	30.8	30.8
	2.00	14	26.9	26.9	57.7
	3.00	20	38.5	38.5	96.2
	4.00	2	3.8	3.8	100.0
	Total	52	100.0	100.0	

Status_Nikah

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	4	7.7	7.7	7.7
	1.00	48	92.3	92.3	100.0
	Total	52	100.0	100.0	

Tanggungan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	4	7.7	7.7	7.7
	2.00	4	7.7	7.7	15.4

3.00	3	5.8	5.8	21.2
4.00	10	19.2	19.2	40.4
5.00	8	15.4	15.4	55.8
6.00	9	17.3	17.3	73.1
7.00	6	11.5	11.5	84.6
8.00	3	5.8	5.8	90.4
9.00	1	1.9	1.9	92.3
10.00	4	7.7	7.7	100.0
Total	52	100.0	100.0	

Peran

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	32	61.5	61.5	61.5
	2.00	15	28.8	28.8	90.4
	3.00	5	9.6	9.6	100.0
	Total	52	100.0	100.0	

Urgenitas

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	20	38.5	38.5	38.5

1.00	32	61.5	61.5	100.0
Total	52	100.0	100.0	

Keberlanjutan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	1	1.9	1.9	1.9
	1.00	32	61.5	61.5	63.5
	2.00	5	9.6	9.6	73.1
	3.00	7	13.5	13.5	86.5
	4.00	5	9.6	9.6	96.2
	5.00	2	3.8	3.8	100.0
	Total	52	100.0	100.0	

Perlindungan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	3	5.8	5.8	5.8
	1.00	49	94.2	94.2	100.0
	Total	52	100.0	100.0	

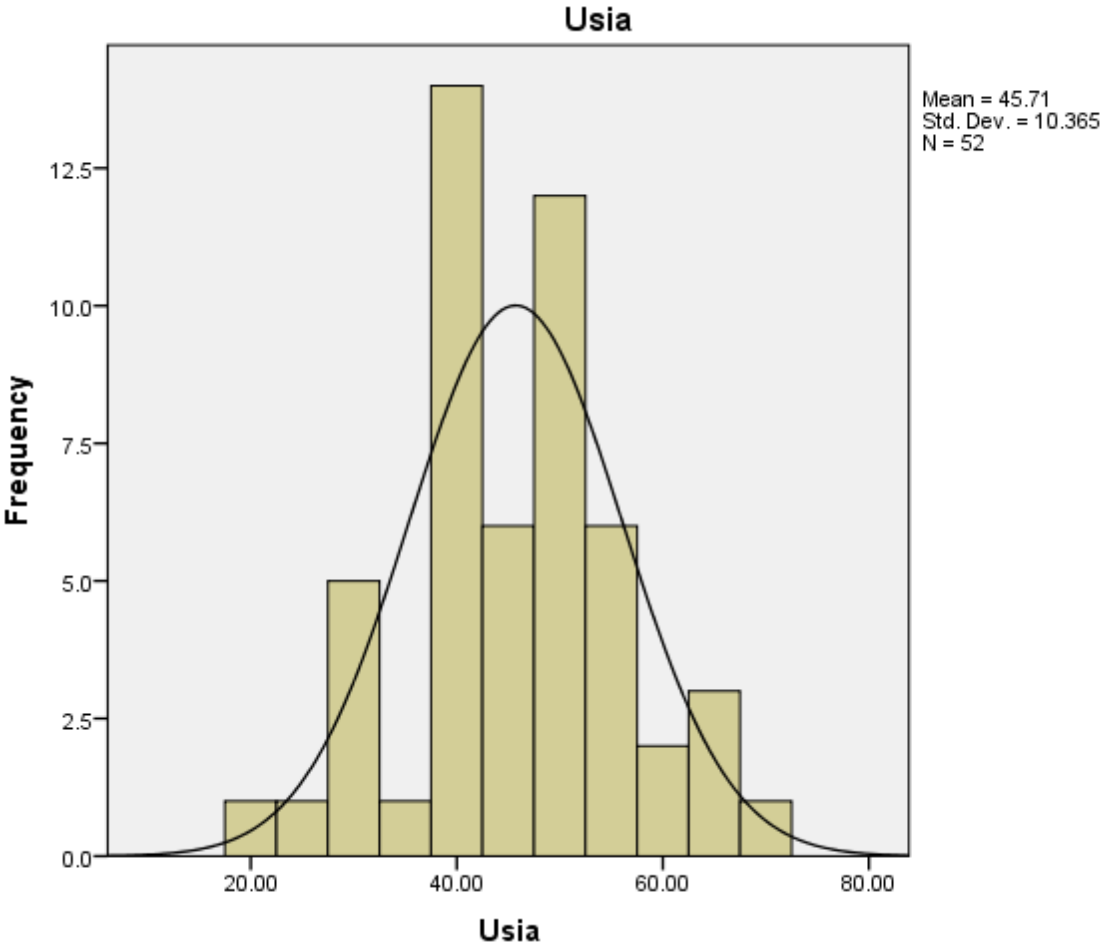
Aturan_formal

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	5	9.6	9.6	9.6
	1.00	47	90.4	90.4	100.0
	Total	52	100.0	100.0	

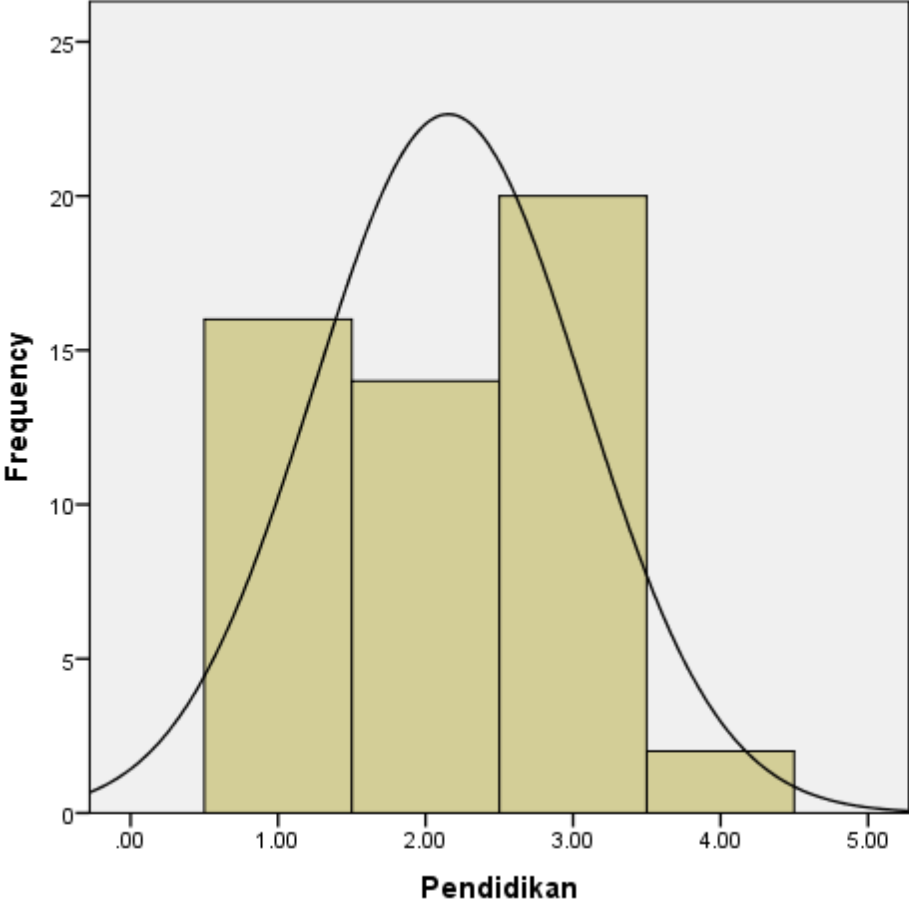
Dukungan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	22	42.3	42.3	42.3
	2.00	15	28.8	28.8	71.2
	3.00	15	28.8	28.8	100.0
	Total	52	100.0	100.0	

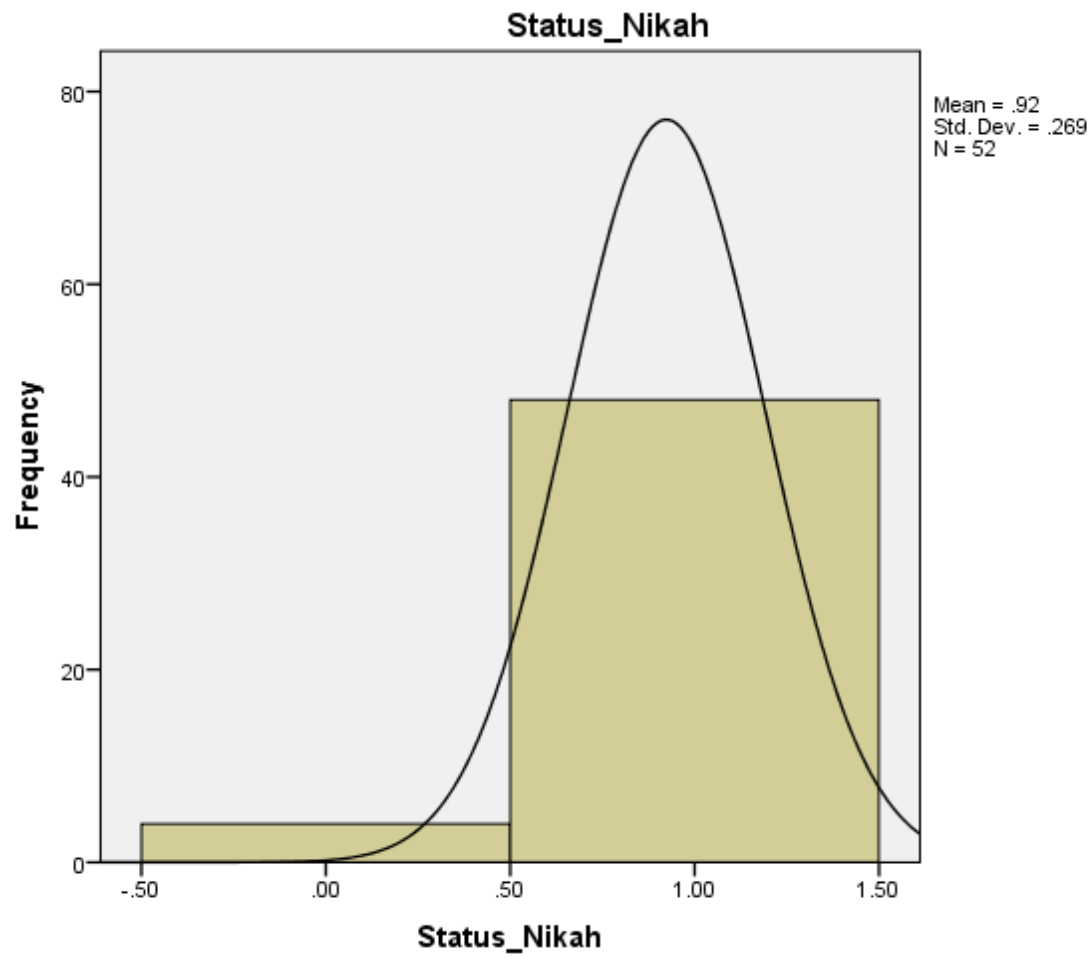
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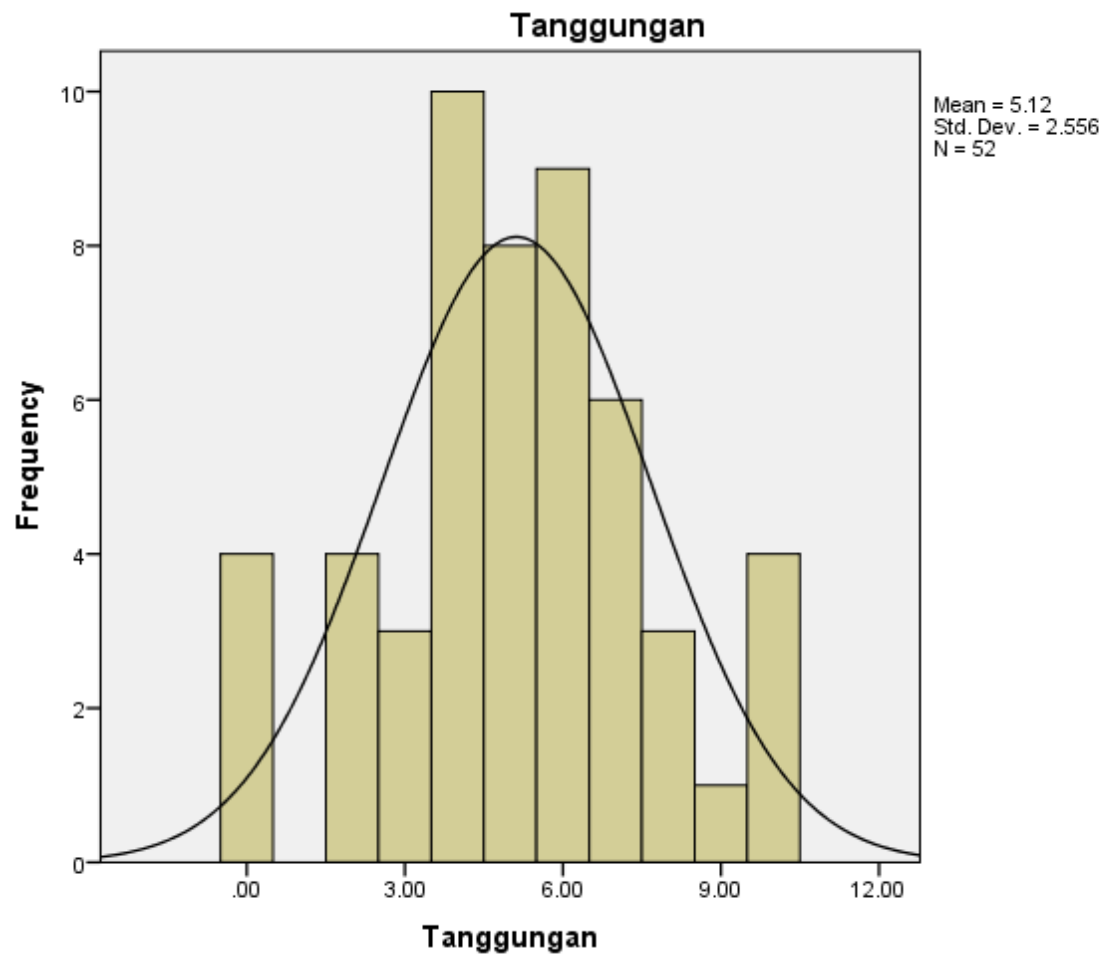


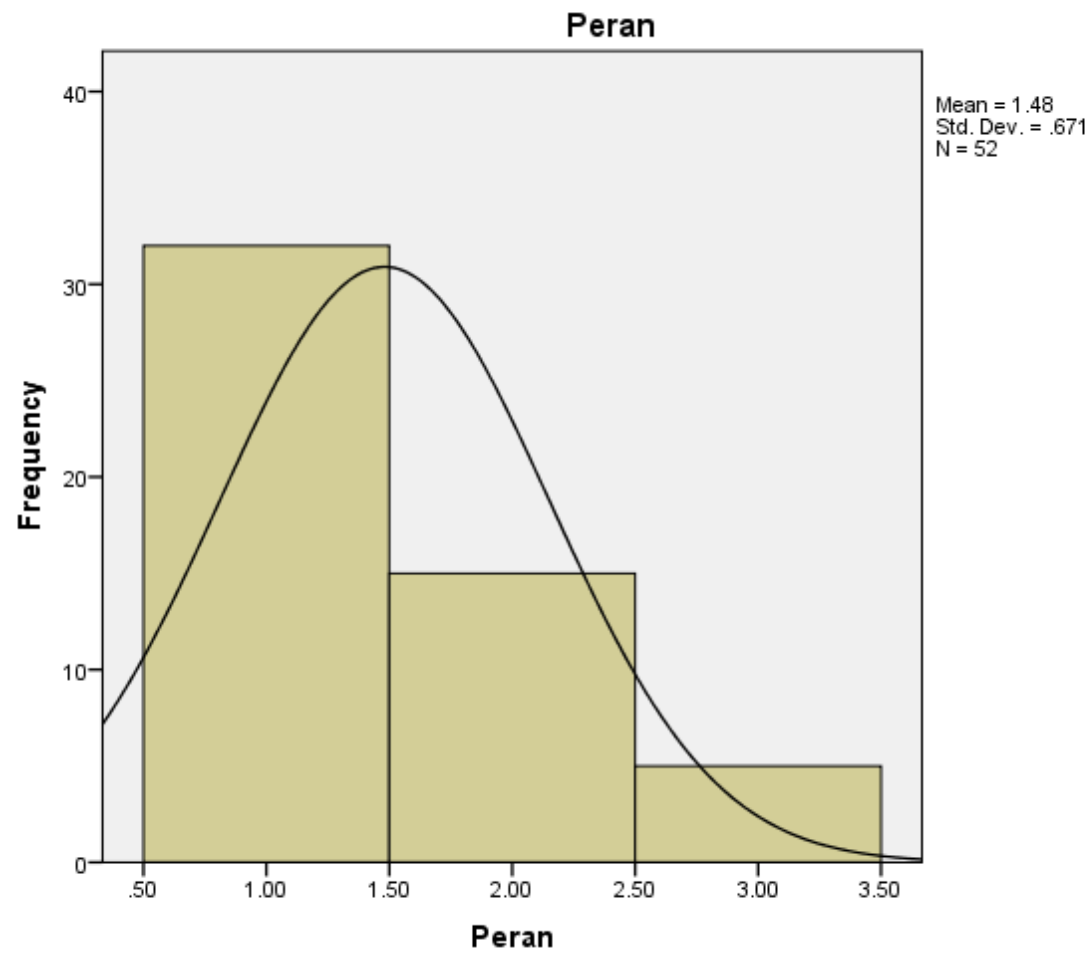
Pendidikan

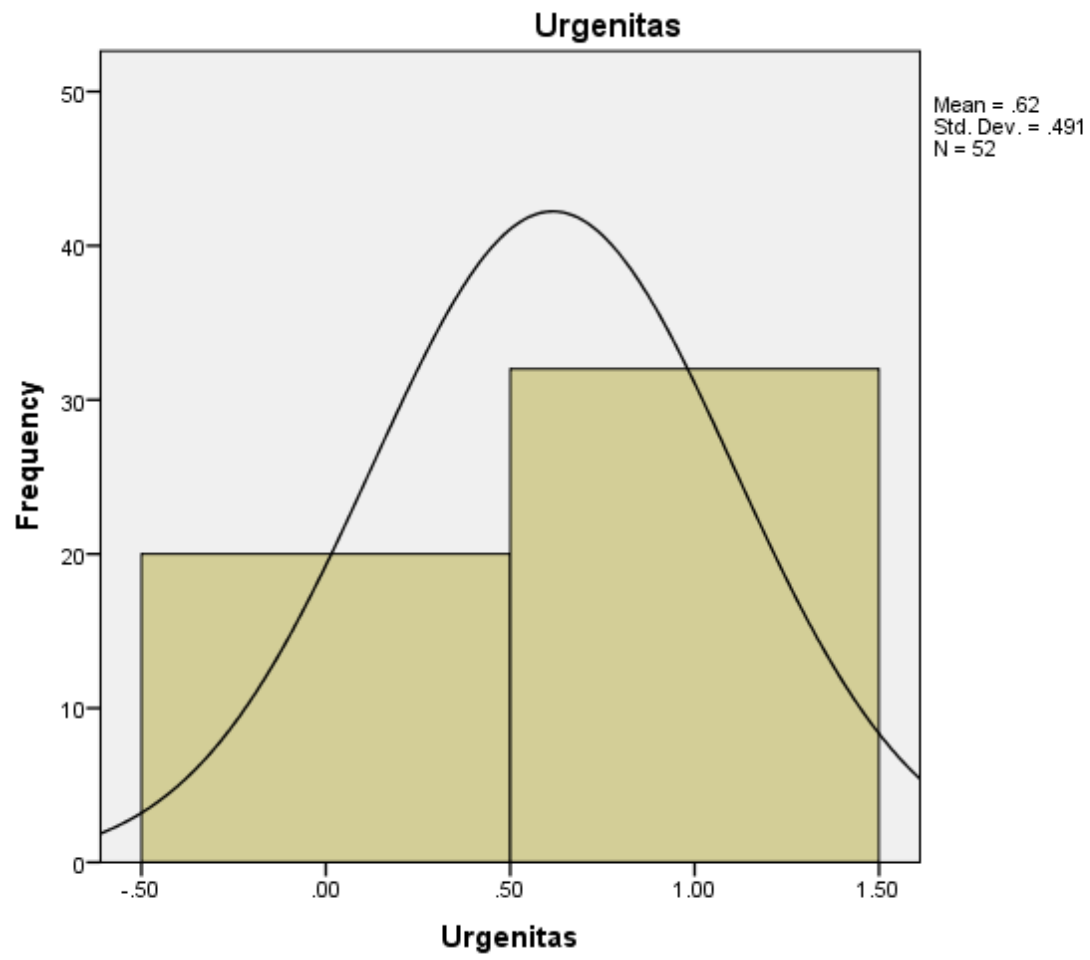


Mean = 2.15
Std. Dev. = .916
N = 52

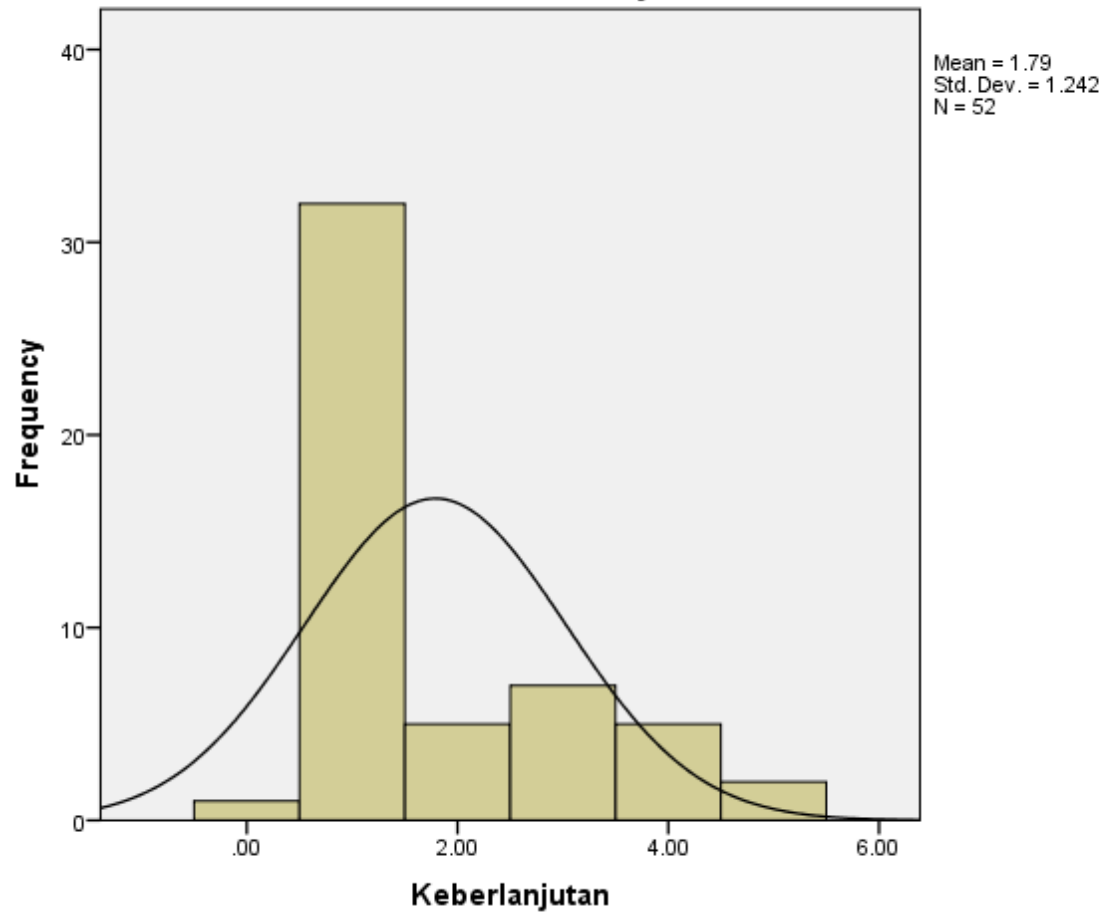








Keberlanjutan



Perlindungan

